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'n	DECLARATION FOR UTILITY OR				Attorney Docket Number		716875.2
DESIGN					First Named Inventor KORAKIANITIS et al.		
PATENT APPLICATION					COMPLETE IF KNOWN		
	(37 CFR 1.63)			Application Number	Not Yet Known		
. 🗵	Declaration Submitted	nitted OR Initial	Declaration Submitted after Initial	Filing Date	FILED HEREWITH		
	With Initial Filing		E\ E	Group Art Unit	Not Yet Known		
•		required)		Examiner Name	Not Yet Known		

		<u> </u>	·	··				
As a below named inventor, I hereby declare that:								
My residence, mailing address, and citizenship are as stated below next to my name.								
l believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if								
plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
OPTIMIZED PULSATILE-FLOW VENTRICULAR-ASSIST DEVICE AND TOTAL ARTIFICIAL HEART								
(Title of the Invention)								
the specification of which								
is attached hereto	•							
OR		as Ur	ited States Applica	tion Number or PCT International				
was filed on (MM/DD	YY)	·	_	(if applicable).				
Application Number		and was amended on	(MM/DD/YY)					
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment specifically referred to above.								
	-	vhich is matrial to patentabili	ity or defined in 3°	CFR 1.56 including for				
				g date of the prior application				
		of the continuation-in-part ap						
				lication(s) for patent or inventor's				
		plication which designated a clow, by checking the box, ar		other than the United States of				
				n on which priority is claimed.				
Prior Foreign Application		Foreign Filing Date	Priority	Certified Copy Attached?				
Number(s)	Country	(MM/DD/YYYY)	Not claimed	YES NO				
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[Page 1 of 2]
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patents, Box Design, Washington, DC 20231.





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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:							
or Bar Code Label OR Correspondence address belo							
Name Rebecca J. Brandau							
Address Blackwell Sanders Peper Martin LLP							
Address 720 Olive Street							
City St. Louis	ZIP 63101						
Country USA	Tele	elephone (314) 345-6000			Fax (314) 345-6060		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENT				on has been filed	for this unsigned inventor		
Given Name (first and middle [if any]) Theodosios		-	Family Or Sur	Name rname Korakia	nitis		
Inventor's Signature T. Korakianity Date 2001 /Mar/13							
Residence: City St. Louis		State	мо	Country USA	Citizenship US		
Mailing Address 27 Chesterfield Lake							
Mailing Address							
City St. Louis	State Missouri		ZI	P 63005	Country USA		
NAME OF SECOND INVENTOR:			A petiti	on has been filed	for this unsigned inventor		
Given Name (first and middle [if any]) Lonn	7		Family Or Sur	Name name Grandia			
Inventor's Signature	ndie			· /	Date 3/13/2001		
	36.12	State	n.	Country USA	Citizenship US		
Mailing Address 140 Main Street							
Mailing Address							
City Brussels	State Illinois		ZI	P 62013	Country USA		
Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

ASSIGNMENT

WHEREAS, Theodosios Korakianitis, a resident of St. Louis, Missouri and Lonn
Grandia, a resident of Brussels, Illinois, hereinafter referred to as Assignor(s), are the inventor(s)
of a certain new and useful invention relating to a OPTIMIZED PULSATILE-FLOW
VENTRICULAR-ASSIST DEVICE AND TOTAL ARTIFICIAL HEART for which Assignor(s)
are about to make application for Letters Patent in the United States, said application having the
attorney docket number 716875.2; and

WHEREAS, Assignor(s) are the owner(s) and in full possession of the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor; and

WHEREAS, LTK Enterprises, L.L.C., a corporation duly organized under the laws of the State of Missouri, hereinafter referred to as Assignee, having its principal office and place of business at 5 Nantucket Lane, St. Louis, Missouri 63132, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor; and

NOW, THEREFORE, for and in consideration of the sum of One Doll ar (U.S. \$1.00) and other valuable considerations to Assignor(s) paid by said Assignee, receipt of which is hereby acknowledged, Assignor(s) do hereby sell, assign and transfer unto said Assignee, the entire right, title and interest in and to said invention and in and to any and all Letter's Patent, both United States and foreign, that may be granted therefor, together with any and all continuations, divisions, or reissues, and Assignor(s) do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said application or otherwise For said invention.

IN WITNESS WHEREOF, Assignor(s) have hereunto set their hand and seal.

Dated: 2000/Feb/27	Theodosios Korakianitis	\$ 125 million
	i neodosios Korakianitis	
•		,
STATE OF MISSOURI)	·	
) ss.		•
CITY OF ST. LOUIS)		
and for the City and State aforesaid, per to be the person described in and who e		
he executed the same as his free act and In Witness Whereof, I have here State aforesaid on the day and year last	l deed. Eunto attached my hand and notar	•
In Witness Whereof, I have here	deed, eunto attached my hand and notar above written.	•

IN WITNESS WHEREOF, Assignor(s) have hereunto set their band and seal.

STATE OF MISSOURI) ss. CITY OF ST. LOUIS)

On this 27 day of 7, 2001, before me, the undersigned, a Notary Public within and for the City and State aforesaid, personally appeared Lonn Grandia to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the City and State aforesaid on the day and year last above written.

Notary Public

My Commission Expires: 9-16-2003

DOROTHY MEISSNER
Notary Public — Notary Seal
STATE OF MISSOURI
City of St. Louis
My Commission Expires: Sept. 16, 2003

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PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/805,523
Filing Date	March 13, 2001
First Named Inventor	Korakianitis, T.
Group Art Unit	3762
Examiner Name	Jastrzab, Jeffrey R.
Attorney Docket Number	716875.2

I hereby appoint:		·							
Practitioners at Customer Number OR Practitioner(s) named below: Name	I hereby appoint:								
Address Address Address Address Address Address Address Address Attendary Country Telephone I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.7.1. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). Signature Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.	OR	•	27128			Number Bar			
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number. OR Practitioners at Customer Number. Place Customer Number Bar Code Label here Place Customer Number Bar Code Label here Code Label here Code Label here Teirm or Individual Name Address Address Address City State Telephone I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.7.1. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). SIGNATURE of Applicant or Assignee of Record Kay K. Wallace, Managing Member LTK Enterprises, LLC Signature Date Capacid 2.2.2.3 NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.									
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Name LTK Enterprises, LLC Signature Date Date Date NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.									
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